

LYNX Blue Line Extension (Northeast Corridor) Light Rail Project

Contract #: <u>08-477</u>

WBS #: 6.15

Phase I Environmental Site Assessment

I-485 N. Tryon Station Proposed Park-and-Ride Lot



Project #: 2513745 April 30, 2009

Rev. 01

April 30, 2009

Charlotte Area Transit System 600 East Fourth Street Charlotte, North Carolina 28208

Attention:

Kelly Goforth

CATS Assistant Project Manager

Subject:

Phase I Environmental Site Assessment

I-485 N. Tryon Station Proposed Park-and-Ride Lot

Mecklenburg County, North Carolina

STV/RWA Project 2513745

Dear Ms. Goforth:

STV/Ralph Whitehead Associates (STV/RWA) has completed the Phase I Environmental Site Assessment (ESA) for the referenced project. Our findings and conclusions are presented in the following report. The Executive Summary is presented for convenience only. While the Executive Summary is an integral part of this report, it should not be used in lieu of reading the entire report, including the Table of Contents.

We appreciate the opportunity to provide our services. If you have any questions or require additional information, please contact us.

Respectfully submitted,

STV/Ralph Whitehead Associates

Rolt H Baugh

Robert H. Baughman

Vice President

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EXECUTIVE SUMMARY

STV/Ralph Whitehead Associates (STV/RWA) has performed an Environmental Site Assessment (ESA) for the LYNX Blue Line Extension Northeast Corridor Light Rail Project's proposed I-485 North Tryon (N.Tryon) Park-and-Ride Lot site, encompassing all or portions of Parcel 05102102 and Parcel 05103301.

The subject property is located south of Highway 29 (N. Tryon Street) and west of I-485 in northeastern Charlotte, North Carolina. The site encompasses approximately 22 acres and contains a section of the Highway 29 Connector right-of-way. The site parallels Highway 29 for approximately 2,350 feet. A Topographic Map outlining the subject property is included in Appendix A as Figure 1. The local area is comprised of primarily grass field with woodlands and some neighboring residential areas. A Zoning Map is included in Appendix A as Figure 2.

The objective of this ESA is to identify the presence of potential environmental concerns associated with the site resulting from its past or current uses. STV/RWA reviewed information from several environmental databases through Environmental Data Resources, Inc. (EDR) to ascertain whether activities on, or near, the subject property have a potential for Recognized Environmental Conditions (RECs) or Historical Recognized Environmental Conditions (HRECs).A 1968 aerial photograph (included in Appendix C) and the Tax and Building Info section for parcel number 05103301 indicate a house on this parcel, built in 1955. During the site reconnaissance, a natural gas service stub and an open water well were observed on this parcel. No house was observed by STV/RWA personnel. Although vent or fill pipes were not observed during site reconnaissance, there may be an underground heating oil tank or septic system on the subject property associated with the former on-site residence.

This Phase I ESA has been completed in general accordance with ASTM procedure E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Any exceptions to, or deletions from, the ASTM practice are described in Section 1.0 of this report. This assessment has not revealed evidence of recognized environmental conditions or historical recognized environmental conditions in connection with the project area, with the exception of the following:

Ollen Clarence Cline Property, at 11431 US Highway 29, is listed as having had a leaking underground storage tank (LUST). Upon removal of three underground storage tanks (USTs), soil and groundwater contamination was discovered. The project is listed in the assessment phase. The site is approximately one-half mile from the subject property and the surface topography slopes in a direction that is not toward the subject property. Natural drainage features also separate the Cline property from the subject property. Based on these factors, STV/RWA believes that this site has a very low potential to adversely affect the subject property.

Nuisance debris was observed at sporadic locations throughout the subject property. The most noteworthy items include an automotive battery, a kerosene heater, and a pile of vinyl siding (see photographs in Appendix B). Nuisance debris should be disposed of according to regulatory guidelines.

1.0 INTRODUCTION

1.1 Purpose

In general accordance with ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, the purpose of this assessment is to identify recognized environmental conditions (RECs) and historical recognized environmental conditions (HRECs). Charlotte Area Transit System (CATS) is proposing to develop the subject property as a park-and-ride lot to serve the proposed LYNX Blue Line Extension Northeast Corridor Light Rail Project. CATS has contracted the services of STV/RWA to perform a Phase I ESA to determine the likelihood of soil or groundwater contamination on, or near, the subject property.

1.2 Scope of Services

The following tasks were undertaken for this ESA.

- A review of readily available project area maps, current and historical aerial photographs, topographic maps, and other historical information was performed. These sources were used by STV/RWA to ascertain site location, characteristics, and current and historical use.
- A review was performed of United States Environmental Protection Agency (EPA) and North Carolina Department of Environment and Natural Resources (NCDENR) maintained records/lists of known hazardous waste/toxic substance sites within the prescribed ASTM radii of the subject property. This was accomplished through information received from EDR.
- A reconnaissance of the subject property and surrounding area was conducted. STV/RWA looked for obvious evidence of existing or historical environmental concerns. Site photographs are included in Appendix B.
- A review of ownership history of the parcels comprising the subject property was performed. Special attention was given to taking note of owners who, by their business name, might indicate increased potential for environmental concern.
- Inquiries were made to appropriate government and regulatory officials regarding environmental conditions, records, violations, and/or site status.
- The compiled information was evaluated and the Phase 1 ESA Report was prepared documenting the assessment findings, evaluations, and conclusions.

1.3 Limitations and Significant Assumptions

STV/RWA has endeavored to observe that degree of care and skill generally exercised by other consultants undertaking similar studies at the same time, under similar circumstances and conditions, and in the same geographic area. No other warranty, express or implied, is given.

In reading this report, it should be noted that others provided information used to form the report conclusions. STV/RWA assumes that the information provided by others is correct and reliable. STV/RWA assumes no responsibility for information provided by others, whether they are under contract to STV/RWA or not. As per user instructions, no interviews were conducted with current associated property owners. This constitutes a significant data gap, and may hinder the Environmental Professional's ability to ascertain environmental conditions, such as those known only to the owner of the property on which they occurred.

STV/RWA cannot state that hazardous or toxic materials have not affected the subject property, or other latent conditions, beyond those noted by its personnel during performance of this assessment and disclosed within this report. Sites with prior remedial work may, or may not, have been documented or performed to current standards. STV/RWA cannot warrant that past environmental conditions are not present on the subject property from undocumented or poorly remediated incidents. These findings apply only to the time during which the individual components of this assessment were performed. Therefore, subsequent changes in land use or other activities on, or near, the subject property could invalidate these findings.

1.4 User Reliance

This report is an instrument of the services of STV/RWA and was prepared and intended for the exclusive use of Charlotte Area Transit System and the City of Charlotte. Other parties who wish to rely on this report, except for informational purposes, may do so only through express written permission of STV/RWA.

2.0 SITE DESCRIPTION

2.1 Site Location

The subject property is bordered on the west by Highway 29 (N. Tryon Street) and on the northeast by I-485 in northeastern Charlotte, North Carolina. The subject property is an approximately 22-acre compilation of all, or part, of two parcels and encompasses a section of the Highway 29 Connector right-of-way. The site runs parallel to Highway 29 for approximately 2,350 feet. The parcels included in this site are: 05102102 and 05103301. Maps are included in Appendix A.

Based on review of topographic maps, the topographic relief across the subject property is identified as 68 feet (590 feet to 658 feet above Mean Sea Level). The highest elevation is at a hilltop in the northern area of the site. The lowest elevation is at the extreme southwest corner of the property. A Topographic Map is included in Appendix A as Figure 1.

Morningstar Drive provides access through the site to the neighboring community to the east as well as the storage company to the northeast. There are no significant structures or other on-site improvements. An Aerial Photograph, dated 2007, is included in Appendix A as Figure 3.

According to the Mecklenburg County GIS Zoning Map, zoning designations in the area are O-1 Office District, and INST Institutional. The surrounding areas include a mix of residential, light commercial, and undeveloped areas. A Zoning Map is included in Appendix A as Figure 2.

No natural bodies of water were observed on the subject property. Southwest of the center of the property there is a drainage feature that flows southeast toward an off-site unnamed pond. According to the FEMA Flood Panel #37119C0129E, all of the subject property is within the Zone X, "Areas determined to be outside the 0.2% [sic] annual chance floodplain."

Fill soils and excavated soils are anticipated in the areas of the roadbed, previous highway route, culverts, underground utilities, and other past activity areas.

According to the USDA Natural Resources Conservation Service National Cooperative Soil Survey for Mecklenburg County, North Carolina, the predominant soil types at the subject property are identified as the "Enon" soil series. A copy of the soil report for the property is included in Appendix C (Geocheck- Physical Setting Source Addendum).

The 1996 Geologic Map of North Carolina, prepared by the North Carolina Geological Survey, indicated the subject property is in the Piedmont physiographic region and underlain by intrusive rock from the Late Proterozoic to Middle Paleozoic period.

Duke Energy Corporation provides electricity to the local area. There is one pole-mounted transformer on the subject property. AT&T telecommunications provides service to the local area. According to Charlotte Mecklenburg Utilities, the site is not currently served by municipal water or sewer service and there are no water or sewer lines currently present on the site.

No septic tanks, leach fields, or vent or fill pipes were observed during site reconnaissance. Nevertheless, there may be an underground heating oil tank or septic system on the subject property associated with the former on-site residence.

2.2 Past Uses of the Subject Property

Information concerning the past usage of the subject property and adjoining properties was obtained in part by reviewing historical aerial photographs supplied by Environmental Data Resources, Inc. (EDR). Limited aerial photographs for the years 1968, 1973, 1988, 1996, and 2006 were reviewed. The 1968 photograph shows the subject property as Highway 29 Connector right-of-way, undeveloped woodlands, and a residential parcel with a house. The surrounding area is farmland, woodland, with some residential use (mainly a mobile home park to the east). The property appears not to have changed significantly from 1968 to

2006, with the exception of the rerouting of the highway during the construction of I-485 and the removal of the house on the north parcel. These changes took place some time after the 1996 photograph and before the 2006 photograph. The subject property is currently undeveloped (an Aerial Map is included in Appendix A as Figure 3).

3.0 USER PROVIDED INFORMATION

- The user of this report (Charlotte Area Transit System) provided STV/RWA with the project limits and scope of services. The user gave no title record information pertaining to the subject property.
- No information regarding environmental liens was given to STV/RWA during the performance of this Phase I ESA.
- No specialized knowledge of the subject property was given to STV/RWA by the Charlotte Area Transit System or by the City of Charlotte.
- The user gave no indication of contamination on the site from current or historical uses.
- No owner or user questionnaire was performed for this assessment. As per user instructions, no interviews were conducted with associated property owners and a limited number of public officials were consulted.

3.1 Ownership History

STV/RWA personnel reviewed a portion of the ownership records of the subject property at the Mecklenburg County Register of Deeds. The review was done to help reveal indications of past owners, who by their name, might be suspected of using or depositing hazardous materials on the subject property. Based on the records that were reviewed, current and previous owners of the subject property are as follows:

Table 1: Parcel 05103301 Site Ownership

Parcel: 05103301; Current Owner: SAHA International Corporation		
Grantor	Grantee	Deed Date
Nasir Ahmad	SAHA International Corporation	11/29/2006
Michael and Ludina Hicklen	Nasir Ahmad	8/4/1998
Henry Walters	Michael and Ludina Hicklen	10/12/1983
Warren Moore	Henry Walters	6/23/1982
Thomas and Easter Moore	Warren Moore	4/9/1971
Thomas and Louise Watkins	Thomas and Easter Moore	6/11/1963
Mutual Building and Loan	Thomas and Louise Watkins	5/5/1959
Superior Stone Company	Mutual Building and Loan	2/27/1958
Thomas and Louise Watkins	Superior Stone Company	5/3/1956

No further reasonably ascertainable information was available for Parcel 05103301.

Table 2: Parcel 05102102 Site Ownership

Parcel: 05102102; Current Owner: James Frosst Alexander			
Grantor	Grantee	Deed Date	
Mary Charlotte Alexander	James Frosst Alexander	1/25/60	
Julius Alexander	Mary Charlotte Alexander	9/5/1903	

No further information regarding these parcels was of relevance to the scope of this Phase I ESA.

4.0 RECORDS REVIEW

4.1 Environmental Record Sources, Federal and State

North Carolina Department of Environment and Natural Resources (NCDENR) and the EPA were consulted to determine if environmental concerns were present now or historically at the subject property. The following issues were addressed:

- Groundwater Quality;
- Solid Waste:
- Hazardous Waste; and,
- Underground Storage Tanks.

Federal and State databases available from EDR of Milford, Connecticut were also reviewed. Environmental Data Resources, Inc. is a national company specializing in the management of more than 150 state and federal databases, and updates ASTM-suggested databases according to ASTM Standard E 1527-05. The following tables identify federal, state and other databases obtained from EDR on November 17, 2008 that were reviewed according to the ASTM-recommended search radii of the subject property. A copy of the EDR database report, including ASTM-recommended search radii, is included in Appendix C.

Table 3: Federal Databases Reviewed

Federal Database	Number of Sites Identified
NPL: National Priority List	0
Proposed NPL: Proposed National Priority List Sites	0
DELISTED NPL: National Priority List Deletions	0
NPL LIENS: Federal Superfund Liens	0
CERCLIS: Comprehensive Environmental Response,	0
Compensation, and Liability Information System	
CERCLIS-NFRAP: CERCLIS No Further Remedial Action	0
Planned	
LIENS 2: CERCLA Lien Information	0
CORRACTS: Corrective Action Report	0
RCRA-TSDF: RCRA - Transporters, Storage and Disposal	0
RCRA-LQG: RCRA - Large Quantity Generators	0
RCRA-SQG: RCRA - Small Quantity Generators	0
RCRA-CESQG: RCRA - Conditionally Exempt Small	0
Quantity Generators	
RCRA-NonGen: RCRA - Non Generators	0
US ENG CONTROLS: Engineering Controls Sites List	0
US INST CONTROL: Sites with Institutional Controls	0
ERNS: Emergency Response Notification System	0
HMIRS: Hazardous Materials Information Reporting System	0
DOT OPS: Incident and Accident Data	0
CDL: Clandestine Drug Labs	0
US BROWNFIELDS: A Listing of Brownfields Sites	0
DOD: Department of Defense Sites	0
FUDS: Formerly Used Defense Sites	0
LUCIS: Land Use Control Information System	0
CONSENT: Superfund (CERCLA) Consent Decrees	0
ROD: Records Of Decision	0
UMTRA: Uranium Mill Tailings Sites	0
ODI: Open Dump Inventory	0
DEBRIS REGION 9: Torres Martinez Reservation Illegal	0
Dump Site Locations	
MINES: Mines Master Index File	0
TRIS: Toxic Chemical Release Inventory System	0
TSCA: Toxic Substances Control Act	0
FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal	0
Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic	
Substances Control Act)	
FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA	0
(Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA	
(Toxic Substances Control Act)	
HIST FTTS: FIFRA/TSCA Tracking System Administrative	0
Case Listing	

Table 3: Federal Databases Reviewed (continued)

Federal Database	Number of Sites Identified
HIST FTTS INSP: FIFRA/TSCA Tracking System	0
Inspection & Enforcement Case Listing	
SSTS: Section 7 Tracking Systems	0
ICIS: Integrated Compliance Information System	0
PADS: PCB Activity Database System	
MLTS: Material Licensing Tracking System	0
RADINFO: Radiation Information Database	0
FINDS: Facility Index System/Facility Registry System	0
RAATS: RCRA Administrative Action Tracking System	0
BRS: Biennial Reporting System	0

Table 4: State and Local Records Reviewed

State and Local Records	Number of Sites Identified
SHWS: Inactive Hazardous Sites Inventory	1
HSDS: Hazardous Substance Disposal Site	0
IMD: Incident Management Database	0
SWF/LF: List of Solid Waste Facilities	0
OLI: Old Landfill Inventory	0
HIST LF: Solid Waste Facility Listing	0
LUST: Leaking Underground Storage Tank List	0
LUST TRUST: State Trust Fund Database	0
UST: Petroleum Underground Storage Tank Database	0
AST: AST Database	0
INST CONTROL: No Further Action Sites With Land Use	0
Restrictions Monitoring	
VCP: Responsible Party Voluntary Action Sites	0
DRYCLEANERS: Drycleaning Sites	0
BROWNFIELDS: Brownfields Projects Inventory	0
NPDES: NPDES Facility Location Listing	0

Table 5: Tribal Records Reviewed

Tribal Records	Number of Sites Identified
INDIAN RESERV: Indian Reservations	0
INDIAN ODI: Report on the Status of Open Dumps on	0
Indian Lands	
INDIAN LUST R1: Leaking Underground Storage Tanks	0
on Indian Land	
INDIAN LUST R8: Leaking Underground Storage Tanks	0
on Indian Land	
INDIAN LUST R4: Leaking Underground Storage Tanks	0
on Indian Land	
INDIAN LUST R9: Leaking Underground Storage Tanks	0
on Indian Land	
INDIAN LUST R10: Leaking Underground Storage Tanks	0
on Indian Land	
INDIAN LUST R7: Leaking Underground Storage Tanks	0
on Indian Land	
INDIAN LUST R6: Leaking Underground Storage Tanks	0
on Indian Land	
INDIAN UST R4: Underground Storage Tanks on Indian	0
Land	
INDIAN UST R5: Underground Storage Tanks on Indian	0
Land	
INDIAN UST R10: Underground Storage Tanks on Indian	0
Land	
INDIAN UST R8: Underground Storage Tanks on Indian	0
Land	
INDIAN UST R1: Underground Storage Tanks on Indian	0
Land	
INDIAN UST R6: Underground Storage Tanks on Indian	0
Land	
INDIAN UST R7: Underground Storage Tanks on Indian	0
Land	
INDIAN UST R9: Underground Storage Tanks on Indian	0
Land	
INDIAN VCP R7: Voluntary Cleanup Priority Listing	0
INDIAN VCP R1: Voluntary Cleanup Priority Listing	0

Table 6: EDR Proprietary Records Reviewed

EDR Proprietary Records	Number of Sites Identified
Manufactured Gas Plants: EDR Proprietary Manufactured	0
Gas Plants	
EDR Historical Auto Stations: EDR Proprietary Historic	0
Gas Stations	
EDR Historical Cleaners: EDR Proprietary Historic Dry	0
Cleaners	

One facility was identified during the database search and reviews of the EPA records and NCDENR records within the project area, or the ASTM-recommended search radius. Glen Clarence Cline Property, at 11431 US Highway 29, is listed as having had a leaking underground storage tank (LUST). Upon removal of three underground storage tanks (USTs), soil and groundwater contamination was discovered. The project is listed in the assessment phase. The site is one half-mile from the subject property and the surface topography slopes in a direction that is not toward the subject property. Natural drainage features separate the site from the subject property. Based on these factors, it is the opinion of STV/RWA that this site has a very low potential to adversely affect the subject property.

5.0 INFORMATION FROM SITE RECONNAISSANCE

On November 20, 2008, Mr. Joshua Erlien of STV/RWA conducted a reconnaissance of the subject property and surrounding areas. Items of concern considered during the reconnaissance included, but were not limited to, above ground storage tanks, evidence of underground storage tanks, drums, odors, stained vegetation and/or soils, pits, and debris.

- No storage tanks, either above ground or below, were observed at this site.
- No significant hazardous substance, petroleum products, or unidentified substance drums or containers were observed during the site reconnaissance, with the exception of a small kerosene heater that appeared to have some fuel still in the tank.
- One pole-mounted transformer was observed during the site reconnaissance (see photograph 7 in Appendix B). Electric transformers manufactured prior to 1979 generally contained PCB-oils. PCBs are polychlorinated biphenyls and have been determined to be a likely carcinogen. Production of PCB fluids was discontinued in 1977 and new PCB-oil containing equipment was banned July 1, 1979.
- During the site reconnaissance, an uncovered water supply well was observed on the subject property. If this well will be used at a future date it should be capped. If it is not to be used it should be abandoned, according to regulatory guidelines (see photographs 5-6 in Appendix B).

- No buildings were observed on the subject property.
- There appears to be a natural gas service stub on the subject property, which
 indicates natural gas service to the subject property (see photograph 6 in Appendix
 B).
- No indications of pits, drains, sumps, odors, pools of liquid, or soil stains were observed within the subject property during the site reconnaissance.
- No indications of stressed vegetation were observed within the subject property during the site reconnaissance with the exception of the recent clear cutting of trees performed along a power line right-of-way.
- At sporadic locations throughout the subject property nuisance debris was observed. The most noteworthy items include an automotive battery, a kerosene heater, and a pile of vinyl siding (see photographs in Appendix B).
- Surface water runoff from the site flows generally southeast by sheet drainage into Mallard Creek. No indications of wastewater discharge were observed within the subject property during the site reconnaissance.

6.0 INFORMATION FROM INTERVIEWS

STV/RWA contacted Rachel Pillar of the Charlotte Fire Department via telephone on December 17, 2008 requesting information regarding environmental responses to spills, fires, etc. in the vicinity of the subject property. Ms. Pillar requested that STV/RWA submit the requested information via email. As of current date, no information has been received for the subject property. A user questionnaire was filled out by Mr. David Wolfe of the City of Charlotte. No specialized knowledge of the subject property was indicated.

7.0 FINDINGS AND CONCLUSIONS

STV/RWA has completed a Phase I ESA in general accordance with ASTM procedure E 1527-05. Any exceptions to, or deletions from the ASTM practice are described in Section 1.0 of this report. This assessment has not revealed evidence of recognized environmental conditions or historical recognized environmental conditions in connection with the subject property, with the exception of the Glen Clarence Cline Property (the Cline Property), at 11431 US Highway 29, which is currently vacant.

The Cline Property is listed as having had a leaking underground storage tank (LUST). Upon removal of three underground storage tanks (USTs), soil and groundwater contamination was discovered. The project is listed in the assessment phase. The site is one-half mile from the subject property and the surface topography slopes in a direction that is not toward the subject property. Natural drainage features also separate the site from the subject property. Based on these factors, it is the opinion of STV/RWA that this site is not likely to adversely affect the subject property.

At sporadic locations throughout the subject property nuisance debris was observed. The most noteworthy items include an automotive battery, a kerosene heater, and a pile of vinyl siding (see photographs in Appendix B). Nuisance debris should be disposed of according to regulatory guidelines.

If the on-site water well will be used at a future date it should be capped. If it is not to be used it should be abandoned, according to regulatory guidelines. The natural gas service stub should be assessed as to its location, likelihood of construction interference, and appropriate agencies should be contacted regarding best course actions to be taken.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This assessment was conducted under the supervision of Jon R. Skytta, PE. Mr. Skytta has 24 years of experience in due diligence and environmental assessments. To the best of his professional knowledge and belief, Mr. Skytta meets the qualifications of an Environmental Professional as defined in §312.10 of 40 CFR 312. STV/RWA has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:

Joshua D. Erlien

Environmental Assistant

Reviewed by:

Jon R. Skytta, P.E. Senior Engineer

Appendix A: Figure 1: Topographic Map Figure 2: Zoning Map Figure 3: Aerial Photograph

Figure 1 I-485 / N. Tryon Station Park-and-Ride Lot - Topographic Map



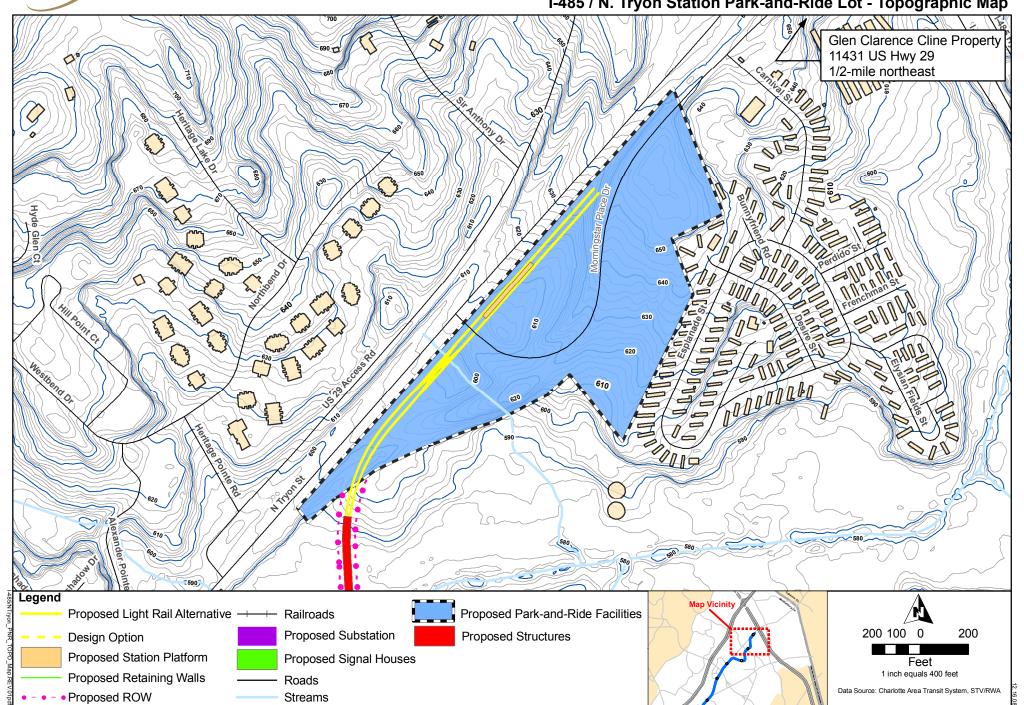
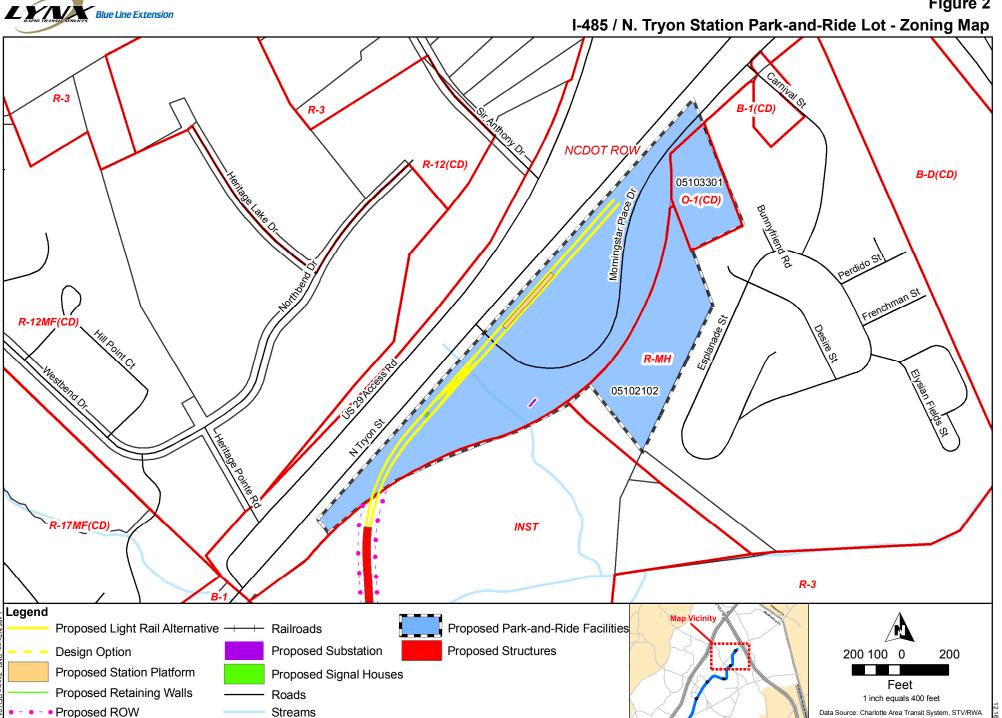
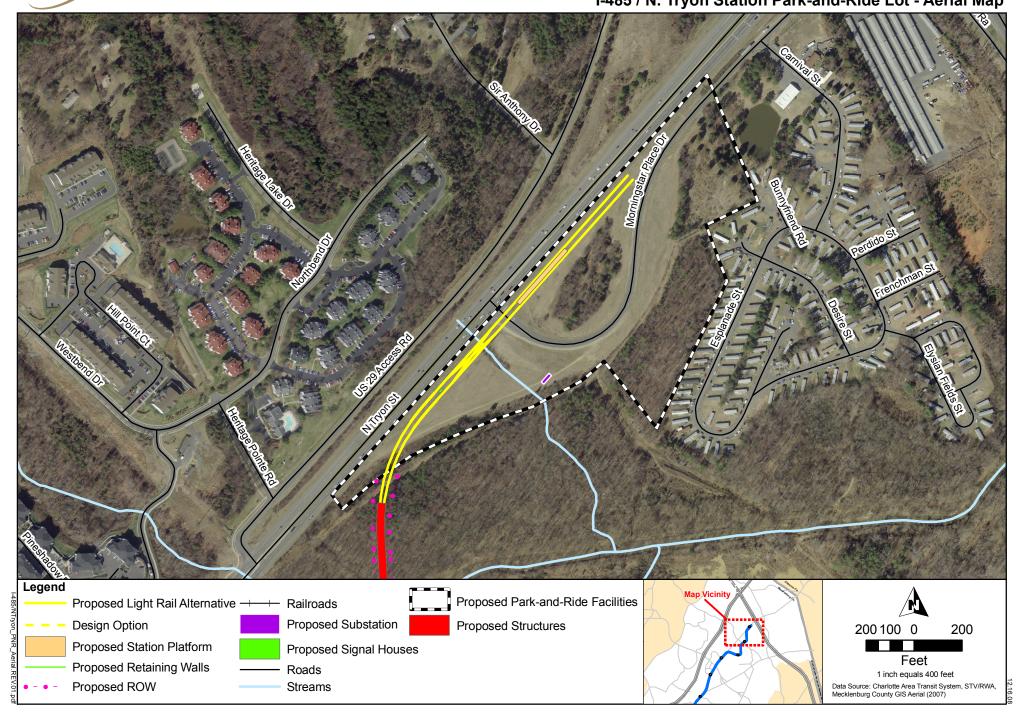


Figure 2









Appendix B: Site Photographs



Photograph 1: Vinyl siding and related debris in northern section of property.



Photograph 2: Household debris in northern section of property.



Photograph 3: Household debris in northern section of property.



Photograph 4: Household debris in northern section of property.



Photograph 5: Apparent water supply well (uncovered) in northern section of property.



Photograph 6: Natural gas service stub with pvc pipe slid over top in northern section of property.



Photograph 7: Pole-mounted electrical transformer at northern boundary of property (possible pcb contaminant source).



Photograph 8: Utility poles stacked in northern quadrant of subject property.



Photograph 9: Miscellaneous wood debris and burn pile in northern section of property.



Photograph 10: Automotive battery in northern section of property. (potential lead contaminant).



Photograph 11: Satellite dish mounting pole in northern section of property.



Photograph 12: Fence poles in rectangular pattern in northern section of property.



Photograph 13: Drainage feature with debris in eastern section of property.



Photograph 14: Drainage feature with debris in eastern section of property.



Photograph 15: Automotive tire and plastic debris in eastern section of property.



Photograph 16: Unidentified metal object with a black flexible hose at one end, in eastern section of property.



Photograph 17: East end of culvert, southwest of center of property.



Photograph 18: West end of culvert, southwest of center of property (facing N. Tryon Street).



Photograph 19: Corrugated culvert in eastern section of property.



Photograph 20: Potting soil bag and commercial cleaner/degreaser near center of property.



Photograph 21: Padded recliner chair, near center of property.



Photograph 22: Kerosene heater near center of property (appears to have fuel in it).

Appendix C LYNX

Blue Line

Extension

Appendix C: Regulatory Database Search Report

I485 Station P&R

N Tryon Charlotte, NC 28262

Inquiry Number: 2365310.22s

November 17, 2008

The EDR Radius Map™ Report with GeoCheck®

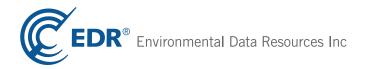


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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

N TRYON CHARLOTTE, NC 28262

COORDINATES

Latitude (North): 35.328080 - 35° 19' 41.1" Longitude (West): 80.725470 - 80° 43' 31.7"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 524951.5 UTM Y (Meters): 3909263.0

Elevation: 634 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35080-C6 HARRISBURG, NC

Most Recent Revision: 1996

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List

Proposed NPL Proposed National Priority List Sites
Delisted NPL National Priority List Deletions
NPL LIENS Federal Superfund Liens

CERC-NFRAP...... CERCLIS No Further Remedial Action Planned

LIENS 2...... CERCLA Lien Information CORRACTS...... Corrective Action Report

RCRA-TSDF...... RCRA - Transporters, Storage and Disposal

RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators

RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator

RCRA-NonGen_____RCRA - Non Generators US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls

ERNS..... Emergency Response Notification System

HMIRS..... Hazardous Materials Information Reporting System

DOT OPS..... Incident and Accident Data US CDL..... Clandestine Drug Labs US BROWNFIELDS..... A Listing of Brownfields Sites DOD...... Department of Defense Sites FUDS Formerly Used Defense Sites

LUCIS.....Land Use Control Information System CONSENT..... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision

UMTRA..... Uranium Mill Tailings Sites ODI...... Open Dump Inventory

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS_____Facility Index System/Facility Registry System RAATS...... RCRA Administrative Action Tracking System

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

STATE AND LOCAL RECORDS

NC HSDS Hazardous Substance Disposal Site IMD..... Incident Management Database SWF/LF....List of Solid Waste Facilities OLI...... Old Landfill Inventory HIST LF..... Solid Waste Facility Listing LUST...... Regional UST Database LUST TRUST..... State Trust Fund Database

UST...... Petroleum Underground Storage Tank Database

AST..... AST Database

INST CONTROL...... No Further Action Sites With Land Use Restrictions Monitoring

VCP......Responsible Party Voluntary Action Sites

DRYCLEANERS...... Drycleaning Sites

BROWNFIELDS..... Brownfields Projects Inventory NPDES Facility Location Listing

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STATE AND LOCAL RECORDS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environment & Natural Resources' Inactive Hazardous Sites Program.

A review of the SHWS list, as provided by EDR, and dated 07/23/2008 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

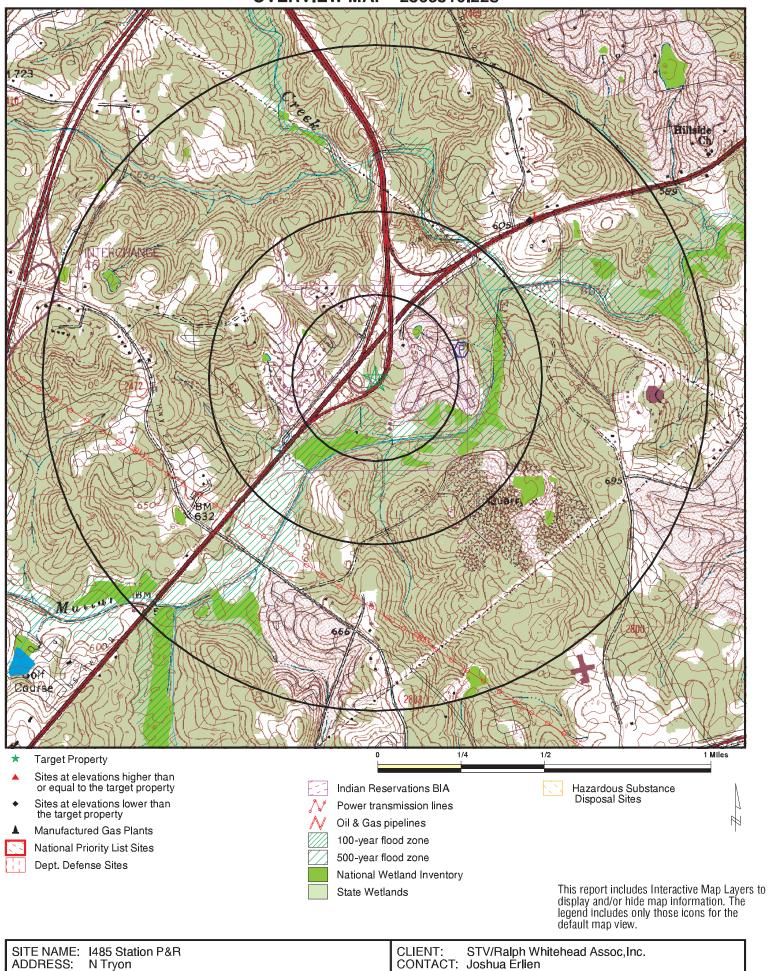
Lower Elevation	Address	Direction / Distance	Map ID	Page
GLEN CLARENCE CLINE PROPERTY-F	11431 US HIGHWAY 29	NE 1/2 - 1 (0.663 mi.)	1	6

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
HARRISBURG ROAD C&D LANDFILL	SWF/LF, HIST LF
HENSON'S, INC. MULCH & MORE	SWF/LF, HIST LF
BELLSOUTH WORK CENTER SOLVENTS	SHWS, IMD
NCDOT ASPHALT SITE #2 (CROWDER CON	SHWS
HWY 49 BATTERY DUMP	SHWS, IMD
SANDOZ	SWF/LF
AMOCO TERMINAL-SLOP UST	LUST, IMD
UNCC	LUST, IMD
LAKE NORMAN QUARRY	LUST, IMD
CITY OF CHARLOTTE PROPPARCEL	LUST, IMD
HERLOCKER'S PANTRY	LUST, IMD
CSX TRANSPORTATION	LUST, IMD
DAVIS PROPERTY(MARY P. WILLIAMS) #	LUST TRUST
# 2 DAVIS PROPERTY(MARY P. WILLIAM	LUST TRUST
I485 ENTRANCE RAMP	ERNS
SELLES BAGWELL	IMD
MALLARD CREEK WWTP	IMD
CHARLOTTE CITY DUMP	IMD
77 CORPORATE PARK	IMD
NCDOT ASPHALT SITE #2 (CROWDER	IMD

OVERVIEW MAP - 2365310.22s

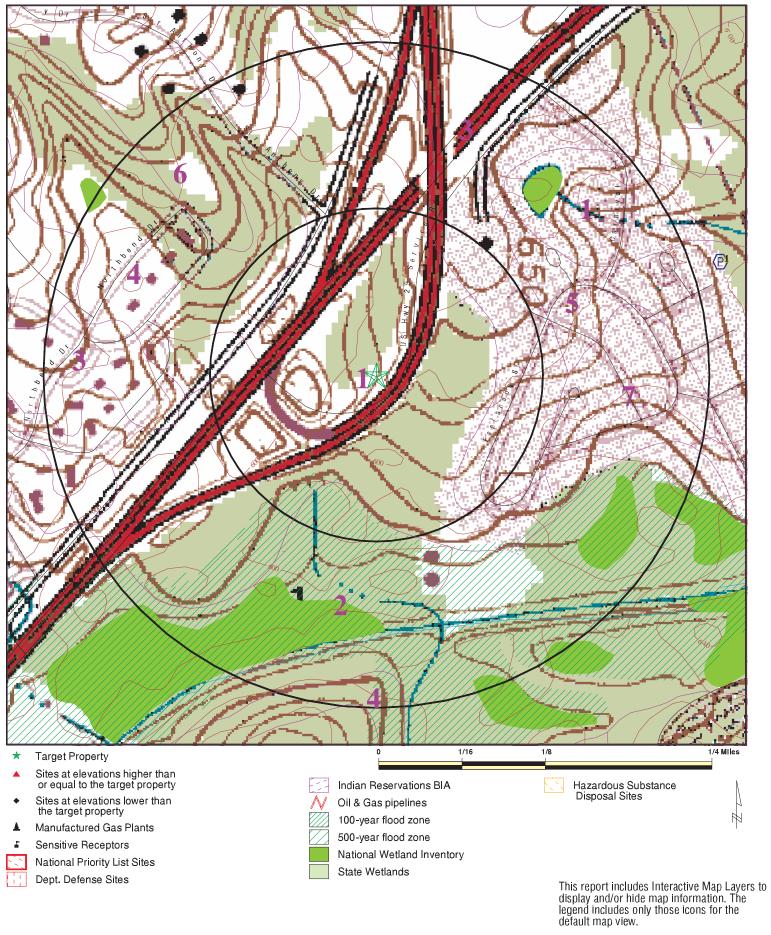


ADDRESS: N Tryon Joshua Erlien

LAT/LONG:

Charlotte NC 28262 INQUIRY #: 2365310.22s 35.3281 / 80.7255 DATE: November 17, 2008 4:39 pm

DETAIL MAP - 2365310.22s



CLIENT: CONTACT: STV/Ralph Whitehead Assoc,Inc. Joshua Erlien ADDRESS: N Tryon Charlotte NC 28262 INQUIRY #: 2365310.22s LAT/LONG:

SITE NAME: 1485 Station P&R

35.3281 / 80.7255 DATE: November 17, 2008 4:39 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL Proposed NPL Delisted NPL NPL LIENS CERCLIS CERC-NFRAP LIENS 2 CORRACTS RCRA-TSDF RCRA-LQG RCRA-SQG RCRA-CESQG RCRA-ONTROLS US INST CONTROL ERNS HMIRS DOT OPS US CDL US BROWNFIELDS DOD FUDS LUCIS CONSENT ROD UMTRA ODI DEBRIS REGION 9 MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS PADS MLTS RADINFO FINDS		1.000 1.000 1.000 TP 0.500 0.500 0.500 0.250 0.250 0.250 0.250 0.500 TP TP TP TP TP 0.500 1.000 1.000 0.500 0.500 0.500 0.500 0.500 0.500 TP	OOOROOROOOOOORRRRROOOOOOOOORRRRRRRRRRR	0 0 0 R 0 0 R 0 0 0 0 0 0 0 0 0 0 R R R R 0 0 0 0 0 0 0 0 0 0 R	0 0 0 R 0 0 R 0 0 R R R R 0 0 R R R R R	0 0 0 R R R R R R R R R R R R R R R O 0 R O 0 R R R R	N N N N N N N N N N N N N N N N N N N	
RAATS SCRD DRYCLEANERS		TP 0.500	NR 0	NR 0	NR 0	NR NR	NR NR	0 0
STATE AND LOCAL RECOR	DS							
SHWS NC HSDS IMD SWF/LF		1.000 1.000 0.500 0.500	0 0 0 0	0 0 0 0	0 0 0 0	1 0 NR NR	NR NR NR NR	1 0 0 0

MAP FINDINGS SUMMARY

Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
0.500	0	0	0	NR	NR	0
	_	-	-			0
	_		-			0 0
	-		-			0
	_					0
	_					0
	-		Ö			Ö
0.250	Ö	0	NR	NR	NR	Ö
0.500	0	0	0	NR	NR	0
TP	NR	NR	NR	NR	NR	0
1.000	0	0	0	0	NR	0
0.500	0	0	0	NR	NR	0
	_	-	•			0
						0
0.500	0	0	0	NR	NR	0
1.000 0.250 0.250	0 0 0	0 0 0	0 NR NR	0 NR NR	NR NR NR	0 0 0
	Distance (Miles) 0.500 0.500 0.500 0.500 0.250 0.250 0.500 0.500 TP 1.000 0.500 0.250 0.500 0.500 0.500 0.500 0.250 0.500	Distance (Miles) < 1/8 0.500 0 0.500 0 0.500 0 0.500 0 0.500 0 0.250 0 0.500 0 0.500 0 0.500 0 TP NR 1.000 0 0.500 0 0.500 0 0.500 0 0.500 0 0.500 0 1.000 0 0.250 0 0.250 0	Distance (Miles) < 1/8 1/8 - 1/4 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.250 0 0 0.250 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0 0.500 0 0	Distance (Miles) < 1/8 1/8 - 1/4 1/4 - 1/2 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.250 0 0 NR 0 0.500 0 0 0 0 0.500 0 0 0 NR 0.500 0 0 0 NR 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.500 0 0 0 0 0.	Distance (Miles) < 1/8 1/8 - 1/4 1/4 - 1/2 1/2 - 1 0.500 0 0 0 NR 0.500 0 0 0 NR 0.500 0 0 0 NR 0.500 0 0 NR NR 0.250 0 0 NR NR 0.250 0 0 NR NR 0.500 0 0 0 NR 0.500 0 0 NR NR 0.500 0 0 NR	Distance (Miles) < 1/8 1/8 - 1/4 1/4 - 1/2 1/2 - 1 > 1 0.500 0 0 0 NR NR 0.250 0 0 NR NR NR 0.250 0 0 NR NR NR 0.500 0 0 NR NR NR 0.500 0 0 NR NR NR 0.500 0 0 NR NR NR 1.000 0 0 0 NR NR 1.000 0 0 0 NR NR 0.500 0 0 NR NR NR 0.500 0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GLEN CLARENCE CLINE PROPERTY-F SHWS S102868499 ΝE **11431 US HIGHWAY 29 LUST** N/A

CHARLOTTE, NC 1/2-1 0.663 mi.

LUST TRUST IMD

3500 ft.

SHWS: Relative:

Facility ID: NONCD0001776 Lower

Facility Status: In Hazardous Sites Inventory

Actual: 614 ft.

LUST:

Facility ID: Not reported UST Number: MO-5179 17696 Incident Number:

Contamination Type: Groundwater/Both

Leak-underground Source Type: Product Type: **PETROLEUM** Date Reported: 8/21/1997 Date Occur: 7/3/1997 Cleanup: 7/3/1997 Closure Request: Not reported Close Out: Not reported

Level Of Soil Cleanup Achieved: Not reported Tank Regulated Status: Regulated

Of Supply Wells:

Commercial/NonCommercial UST Site: COMMERCIAL

Risk Classification: Н Risk Class Based On Review: Н Corrective Action Plan Type: ET NOV Issue Date: Not reported NORR Issue Date: 12/11/1997

В Site Priority: Phase Of LSA Req: 2

Site Risk Reason: Not reported Not reported Land Use: Not reported MTBE:

MTBE1: No Flag: No Flag1: No LUR Filed: Not reported

Release Detection:

Current Status: File Located in House

RBCA GW: Not reported

PETOPT: RPL: False CD Num: 0 Reel Num: 0 RPOW: False RPOP: False Error Flag: 0

Error Code: Not reported Valid: False

Lat/Long: 35 20 7.92 80 42 56.58

Lat/Long Decimal: 35.335540000000002 80.715729999999994

Testlat: Not reported

Regional Officer Project Mgr: AJS Region: Mooresville Company: Not reported Contact Person: MR. GLEN CLINE Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

GLEN CLARENCE CLINE PROPERTY-F (Continued)

S102868499

EDR ID Number

Telephone: Not reported

RP Address: 2300 SUNSET ROAD
RP City,St,Zip: CHARLOTTE, NC 28216
RP County: MECKLENBURG

5 Min Quad: P64W

PIRF:

 Facility Id:
 17696

 Date Occurred:
 7/3/1997

 Date Reported:
 8/21/1997

Description Of Incident: UPON REMOVAL OF 3 USTS, SOIL CONTAM. WAS AS HIGH AS 25,800 PPM GAS.

Owner/Operator: MR. GLEN CLINE

Ownership: 3

Operation Type: Not reported

Type: 3
Location: 1
Site Priority: B

Priority Update: 5/30/1998 Wells Affected Y/N: Not reported

Samples Include: 0
7#5 Minute Quad: 4
5 Minute Quad: 2

Pirf/Min Soil: Not reported Release Code: P64W Source Code: Pirf

Err Type: Not reported Ust Number: Not reported

Last Modified: Not reported

Incident Phase: Remedial Action Implemented

NOV Issued: Not reported NORR Issued: Not reported 45 Day Report: Not reported Public Meeting Held: Not reported Corrective Action Planned: Not reported SOC Signed: Not reported Reclassification Report: Not reported RS Designation: Not reported Closure Request Date: Not reported Close-out Report: Not reported (rec coor 35.335540 80.715730) Comments:

LUST TRUST:

Facility ID: Not reported
Site ID: 17696
Site Note: Not reported

Site Eligible?: True

Commercial Find: 100% Commercial Priority Rank: Not reported Deductable Amount: 75000 3rd Party Deductable Amt: 100000 Sum 3rd Party Amt Applied: 0

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GLEN CLARENCE CLINE PROPERTY-F (Continued)

S102868499

IMD:

MOR Region: Facility ID: 17696 Date Occurred: 7/3/1997 Submit Date: 8/21/1997

GW Contam: Yes, Groundwater Contamination has been detected

Soil Contam:

UPON REMOVAL OF 3 USTS, SOIL CONTAM. WAS AS HIGH AS 25,800 PPM GAS. Incident Desc:

Operator: MR. GLEN CLINE Contact Phone: Not reported Owner Company: Not reported Operator Address:2300 SUNSET ROAD

CHARLOTTE Operator City:

Oper City, St, Zip: CHARLOTTE, NC 28216

Ownership: Unknown Operation: Not reported GASOLINE Material: Qty Lost 1: Not reported Qty Recovered 1: Not reported KEROSENE Material: Not reported Qty Lost: Qty Recovered: Not reported Source: Leak-underground Gasoline/diesel Type:

Location: Facility Setting: Residential

Risk Site: Н Site Priority: В Priority Code: Н Priority Update: 5/30/1998 Dem Contact: AJS

Wells Affected: Not reported

Num Affected:

Wells Contam: Not reported Sampled By: Other Samples Include: Soil Samples

Not reported 7.5 Min Quad: 5 Min Quad: P64W 35.33527777 Latitude: Longitude: -80.71555555 Latitude Number: 352007 Longitude Number: 804256

Latitude Decimal: 35.335277777778 Longitude Decimal: 80.715555555556

GPS: DWM Agency: Facility ID: 17696 Last Modified: Not reported

Incident Phase: RE

NOV Issued: Not reported NORR Issued: Not reported 45 Day Report: Not reported Not reported Public Meeting Held: Corrective Action Planned: Not reported SOC Sighned: Not reported Reclassification Report: Not reported RS Designation: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GLEN CLARENCE CLINE PROPERTY-F (Continued)

S102868499

Closure Request Date: Not reported Not reported Close-out Report:

Region: MOR Facility ID: 20596 Date Occurred: 3/15/1999 Submit Date: 10/4/1999

GW Contam: Yes, Groundwater Contamination has been detected

Soil Contam: Not reported

SITE FORWARDED FROM DWM, PCE DETECTED IN DEEP AND SHALLOW GW Incident Desc:

MONITORING WELLS INSTALLED AS PART OF UST CSA, NO WSW DOWNGRADIENT,

WSW UPG NOT IMPACTED, NEED TO D

Operator:

Contact Phone: Not reported Owner Company: Not reported Operator Address:Not reported Operator City: Not reported Oper City, St, Zip: Not reported Ownership: Municipal Operation: Agricultural

Material: PCE

Not reported Qtv Lost 1: Qty Recovered 1: Not reported GASOLINE Material: Qty Lost: Not reported Qty Recovered: Not reported Source: Unknown Type: Other inorganics Location: Facility Residential Setting: Risk Site: No

Site Priority: Not reported

Priority Code:

10/26/1999 Priority Update: Dem Contact: AHP Wells Affected: No Num Affected:

Wells Contam: Not reported

Sampled By: Other

Incident Phase:

Samples Include: Groundwater Samples 7.5 Min Quad: Not reported 5 Min Quad: P64W

Latitude: Not reported Not reported Longitude: Latitude Number: Not reported Longitude Number: Not reported Latitude Decimal: Not reported Longitude Decimal: Not reported GPS: **GPS** DWQ Agency: Facility ID: 20596 5/15/2001 Last Modified:

AS NOV Issued: Not reported NORR Issued: Not reported 45 Day Report: Not reported Map ID MAP FINDINGS Direction

Distance
Elevation Site Database(s)

EDR ID Number EPA ID Number

GLEN CLARENCE CLINE PROPERTY-F (Continued)

S102868499

Public Meeting Held: Not reported Corrective Action Planned: Not reported SOC Sighned: Not reported Reclassification Report: Not reported RS Designation: Not reported Closure Request Date: Not reported Close-out Report: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHARLOTTE	S105586608	SELLES BAGWELL	2311 / 2313 SOUTH TRYON STRE		IMD
CHARLOTTE	S109164075	SANDOZ	HWY 27		SWF/LF
CHARLOTTE	S106520612	AMOCO TERMINAL-SLOP UST	HIGHWAY 27-PAW CREEK		LUST, IMD
CHARLOTTE	S105425775	MALLARD CREEK WWTP	12400 HIGHWAY 29 NORTH	28262	IMD
CHARLOTTE	S105764583	UNCC	HWY 49 UNC-C STATION		LUST, IMD
CHARLOTTE	S105029487	CHARLOTTE CITY DUMP	HWY 49 - YORK ROAD		IMD
CHARLOTTE	S103717750	LAKE NORMAN QUARRY	HWY 73 / KNOX ROAD		LUST, IMD
CHARLOTTE	S105586647	77 CORPORATE PARK	CLANTON ROAD, SOUTH TRYON STRE		IMD
CHARLOTTE	S105912077	NCDOT ASPHALT SITE #2 (CROWDER	CROWDER CONST, HWY 16, 6433 BR		IMD
CHARLOTTE	S109015505	NCDOT ASPHALT SITE #2 (CROWDER CON	CROWDER CONST, HWY 16, 6433 BR		SHWS
CHARLOTTE	2005621305	I485 ENTRANCE RAMP	I485 ENTRANCE RAMP		ERNS
CHARLOTTE	S103229259	HWY 49 BATTERY DUMP	NC HIGHWAY 49		SHWS, IMD
CHARLOTTE	S105040811	HENSON'S, INC. MULCH & MORE	OLD LANDCASTER HWY		SWF/LF, HIST LF
CHARLOTTE	S105764597	CITY OF CHARLOTTE PROPPARCEL	PARCEL 4, HWY 51 DISTRICT		LUST, IMD
CHARLOTTE	S105764762	HERLOCKER'S PANTRY	U S HWY 29		LUST, IMD
CHARLOTTE	S105764594	CSX TRANSPORTATION	TRYON STREET		LUST, IMD
CHARLOTTE	S105219556	DAVIS PROPERTY(MARY P. WILLIAMS) #	4515 SR 1142		LUST TRUST
CHARLOTTE	S105219555	# 2 DAVIS PROPERTY(MARY P. WILLIAM	4701 SR 1142		LUST TRUST
CHARLOTTE	S105425809	BELLSOUTH WORK CENTER SOLVENTS	24TH STREET		SHWS, IMD
CHARLOTTE	S105163848	HARRISBURG ROAD C&D LANDFILL	S.R. 2805		SWF/LF, HIST LF

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 08/13/2008 Source: EPA Date Data Arrived at EDR: 08/27/2008 Telephone: N/A Date Made Active in Reports: 09/23/2008 Last EDR Contact: 09/29/2008

Number of Days to Update: 27

Next Scheduled EDR Contact: 01/26/2009 Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 **EPA Region 8**

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 9 EPA Region 5

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/30/2008 Source: EPA Date Data Arrived at EDR: 05/06/2008 Telephone: N/A

Date Made Active in Reports: 06/09/2008 Last EDR Contact: 09/29/2008

Number of Days to Update: 34 Next Scheduled EDR Contact: 01/26/2009 Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 08/14/2008 Source: EPA Date Data Arrived at EDR: 08/27/2008 Telephone: N/A

Date Made Active in Reports: 09/23/2008 Last EDR Contact: 09/29/2008

Number of Days to Update: 27 Next Scheduled EDR Contact: 01/26/2009 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/09/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 34

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 10/16/2008

Next Scheduled EDR Contact: 01/12/2009 Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007 Date Data Arrived at EDR: 12/06/2007 Date Made Active in Reports: 02/20/2008

Number of Days to Update: 76

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 09/15/2008

Next Scheduled EDR Contact: 12/15/2008 Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/19/2008 Date Data Arrived at EDR: 08/29/2008 Date Made Active in Reports: 09/09/2008

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 27

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 09/02/2008

Next Scheduled EDR Contact: 12/01/2008 Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2008 Date Data Arrived at EDR: 09/23/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 23

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 09/23/2008

Next Scheduled EDR Contact: 11/17/2008 Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008 Date Data Arrived at EDR: 09/23/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 23

Source: Environmental Protection Agency Telephone: (404) 562-8651

Last EDR Contact: 09/23/2008

Next Scheduled EDR Contact: 11/17/2008 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2008 Date Data Arrived at EDR: 09/23/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 23

Source: Environmental Protection Agency Telephone: (404) 562-8651

Last EDR Contact: 09/23/2008

Next Scheduled EDR Contact: 11/17/2008 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008 Date Data Arrived at EDR: 09/23/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 23

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 09/23/2008

Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008 Date Data Arrived at EDR: 09/23/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 23

Source: Environmental Protection Agency Telephone: (404) 562-8651

Last EDR Contact: 09/23/2008

Next Scheduled EDR Contact: 11/17/2008

Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/23/2008 Date Data Arrived at EDR: 07/29/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 09/29/2008

Next Scheduled EDR Contact: 12/29/2008 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/23/2008 Date Data Arrived at EDR: 07/29/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/30/2008

Next Scheduled EDR Contact: 09/29/2008 Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 01/23/2008 Date Made Active in Reports: 03/17/2008

Number of Days to Update: 54

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 10/21/2008

Next Scheduled EDR Contact: 01/19/2009 Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/30/2008 Date Data Arrived at EDR: 07/15/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 41

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 10/16/2008

Next Scheduled EDR Contact: 01/12/2009 Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008 Date Data Arrived at EDR: 05/28/2008 Date Made Active in Reports: 08/08/2008

Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/29/2008

Next Scheduled EDR Contact: 11/24/2008 Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 12/28/2007

Number of Days to Update: 25

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 10/31/2008

Next Scheduled EDR Contact: 12/22/2008 Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 08/25/2008 Date Made Active in Reports: 09/09/2008

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 10/16/2008

Next Scheduled EDR Contact: 01/12/2009 Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS Telephone: 703-692-8801 Last EDR Contact: 11/07/2008

Next Scheduled EDR Contact: 02/02/2009 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 09/05/2008 Date Made Active in Reports: 09/23/2008

Number of Days to Update: 18

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 09/05/2008

Next Scheduled EDR Contact: 12/29/2008 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 09/09/2008

Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/25/2008 Date Data Arrived at EDR: 06/12/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/19/2009 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical

and health information to aid in the cleanup.

Date of Government Version: 06/18/2008 Date Data Arrived at EDR: 07/11/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 45

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 09/29/2008

Next Scheduled EDR Contact: 12/29/2008 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 09/15/2008

Next Scheduled EDR Contact: 12/15/2008 Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008 Date Data Arrived at EDR: 04/17/2008 Date Made Active in Reports: 05/15/2008

Number of Days to Update: 28

Source: EPA, Region 9 Telephone: 415-972-3336 Last EDR Contact: 09/22/2008

Next Scheduled EDR Contact: 12/22/2008 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2008 Date Data Arrived at EDR: 09/23/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 09/23/2008

Next Scheduled EDR Contact: 12/22/2008 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 09/19/2008

Next Scheduled EDR Contact: 12/15/2008 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant

Date of Government Version: 12/31/2002 Date Data Arrived at EDR: 04/14/2006 Date Made Active in Reports: 05/30/2006

Number of Days to Update: 46

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 10/14/2008

Next Scheduled EDR Contact: 01/12/2009 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/12/2008 Date Data Arrived at EDR: 07/18/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 38

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 09/15/2008

Next Scheduled EDR Contact: 12/15/2008 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 07/12/2008 Date Data Arrived at EDR: 07/18/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 38

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 09/15/2008

Next Scheduled EDR Contact: 12/15/2008 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 03/14/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 35

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 10/14/2008

Next Scheduled EDR Contact: 01/12/2009 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2008 Date Data Arrived at EDR: 08/13/2008 Date Made Active in Reports: 09/09/2008

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/14/2008

Next Scheduled EDR Contact: 01/12/2009 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007 Date Data Arrived at EDR: 02/07/2008 Date Made Active in Reports: 03/17/2008

Number of Days to Update: 39

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 09/18/2008

Next Scheduled EDR Contact: 11/03/2008 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/08/2008 Date Data Arrived at EDR: 08/05/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 20

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 09/29/2008

Next Scheduled EDR Contact: 12/29/2008 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/29/2008 Date Data Arrived at EDR: 07/31/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 25

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/29/2008

Next Scheduled EDR Contact: 01/26/2009 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/09/2008 Date Made Active in Reports: 08/25/2008

Number of Days to Update: 47

Source: EPA

Telephone: (404) 562-9900 Last EDR Contact: 09/29/2008

Next Scheduled EDR Contact: 12/29/2008 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/06/2007 Date Made Active in Reports: 04/13/2007

Number of Days to Update: 38

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 09/12/2008

Next Scheduled EDR Contact: 12/08/2008 Data Release Frequency: Biennially

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/08/2008 Date Data Arrived at EDR: 09/10/2008 Date Made Active in Reports: 09/23/2008

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 11/10/2008

Next Scheduled EDR Contact: 02/09/2009 Data Release Frequency: Varies

STATE AND LOCAL RECORDS

SHWS: Inactive Hazardous Sites Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/23/2008 Date Data Arrived at EDR: 07/24/2008 Date Made Active in Reports: 08/20/2008

Number of Days to Update: 27

Source: Department of Environment, Health and Natural Resources

Telephone: 919-733-2801 Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/05/2009 Data Release Frequency: Quarterly

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 04/06/2006 Date Data Arrived at EDR: 02/28/2007 Date Made Active in Reports: 04/13/2007

Number of Days to Update: 44

Source: North Carolina Center for Geographic Information and Analysis

Telephone: 919-733-2090 Last EDR Contact: 08/29/2008

Next Scheduled EDR Contact: 11/24/2008 Data Release Frequency: Biennially

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006 Date Data Arrived at EDR: 08/01/2006 Date Made Active in Reports: 08/23/2006

Number of Days to Update: 22

Source: Department of Environment and Natural Resources

Telephone: 919-733-3221 Last EDR Contact: 10/22/2008

Next Scheduled EDR Contact: 01/19/2009 Data Release Frequency: Quarterly

SWF/LF: List of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/18/2008 Date Data Arrived at EDR: 08/18/2008 Date Made Active in Reports: 09/12/2008

Number of Days to Update: 25

Source: Department of Environment and Natural Resources

Telephone: 919-733-0692 Last EDR Contact: 10/22/2008

Next Scheduled EDR Contact: 01/19/2009 Data Release Frequency: Semi-Annually

OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 07/11/2008 Date Data Arrived at EDR: 08/08/2008 Date Made Active in Reports: 08/20/2008

Number of Days to Update: 12

Source: Department of Environment & Natural Resources

Telephone: 919-733-4996 Last EDR Contact: 10/24/2008

Next Scheduled EDR Contact: 01/19/2009

Data Release Frequency: Varies

HIST LF: Solid Waste Facility Listing A listing of solid waste facilities.

Date of Government Version: 11/06/2006 Date Data Arrived at EDR: 02/13/2007 Date Made Active in Reports: 03/02/2007

Number of Days to Update: 17

Source: Department of Environment & Natural Resources

Telephone: 919-733-0692 Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/19/2009 Data Release Frequency: Quarterly

LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 08/29/2008 Date Data Arrived at EDR: 09/04/2008 Date Made Active in Reports: 09/12/2008

Number of Days to Update: 8

Source: Department of Environment and Natural Resources

Telephone: 919-733-1308 Last EDR Contact: 09/04/2008

Next Scheduled EDR Contact: 12/01/2008 Data Release Frequency: Quarterly

LUST TRUST: State Trust Fund Database

This database contains information about claims against the State Trust Funds for reimbursements for expenses

incurred while remediating Leaking USTs.

Date of Government Version: 08/02/2008 Date Data Arrived at EDR: 08/07/2008 Date Made Active in Reports: 08/20/2008

Number of Days to Update: 13

Source: Department of Environment and Natural Resources

Telephone: 919-733-1315 Last EDR Contact: 11/06/2008

Next Scheduled EDR Contact: 02/02/2009 Data Release Frequency: Semi-Annually

UST: Petroleum Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/01/2008 Date Data Arrived at EDR: 09/04/2008 Date Made Active in Reports: 09/11/2008

Number of Days to Update: 7

Source: Department of Environment and Natural Resources

Telephone: 919-733-1308 Last EDR Contact: 09/04/2008

Next Scheduled EDR Contact: 12/01/2008 Data Release Frequency: Quarterly

AST: AST Database

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 07/14/2008 Date Data Arrived at EDR: 07/15/2008 Date Made Active in Reports: 08/19/2008

Number of Days to Update: 35

Source: Department of Environment and Natural Resources

Telephone: 919-715-6183 Last EDR Contact: 11/14/2008

Next Scheduled EDR Contact: 01/12/2009 Data Release Frequency: Semi-Annually

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring

A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 07/23/2008 Date Data Arrived at EDR: 07/24/2008

Date Made Active in Reports: 08/20/2008 Number of Days to Update: 27 Source: Department of Environment, Health and Natural Resources

Telephone: 919-733-2801 Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/05/2009 Data Release Frequency: Quarterly

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 07/23/2008 Date Data Arrived at EDR: 07/24/2008 Date Made Active in Reports: 08/20/2008

Number of Days to Update: 27

Source: Department of Environment and Natural Resources

Telephone: 919-733-4996 Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/05/2009 Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

Date of Government Version: 06/17/2008 Date Data Arrived at EDR: 07/15/2008 Date Made Active in Reports: 08/20/2008

Number of Days to Update: 36

Source: Department of Environment & Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 10/15/2008

Next Scheduled EDR Contact: 01/12/2009

Data Release Frequency: Varies

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liabitly control.

Date of Government Version: 10/01/2007 Date Data Arrived at EDR: 10/31/2007 Date Made Active in Reports: 01/14/2008

Number of Days to Update: 75

Source: Department of Environment and Natural Resources

Telephone: 919-733-4996 Last EDR Contact: 10/29/2008

Next Scheduled EDR Contact: 01/26/2009 Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

General information regarding NPDES(National Pollutant Discharge Elimination System) permits.

Date of Government Version: 09/10/2008 Date Data Arrived at EDR: 09/11/2008 Date Made Active in Reports: 09/26/2008

Number of Days to Update: 15

Source: Department of Environment & Natural Resources

Telephone: 919-733-7015 Last EDR Contact: 09/08/2008

Next Scheduled EDR Contact: 11/24/2008

Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 11/07/2008

Next Scheduled EDR Contact: 02/02/2009 Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 08/25/2008

Next Scheduled EDR Contact: 11/24/2008 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/22/2008 Date Data Arrived at EDR: 08/22/2008 Date Made Active in Reports: 09/09/2008

Number of Days to Update: 18

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008 Date Data Arrived at EDR: 10/10/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/21/2008 Date Data Arrived at EDR: 09/04/2008 Date Made Active in Reports: 09/09/2008

Number of Days to Update: 5

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/05/2008 Date Data Arrived at EDR: 09/05/2008 Date Made Active in Reports: 09/23/2008

Number of Days to Update: 18

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/17/2008 Date Data Arrived at EDR: 03/27/2008 Date Made Active in Reports: 05/06/2008

Number of Days to Update: 40

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008 Date Data Arrived at EDR: 03/14/2008 Date Made Active in Reports: 03/20/2008

Number of Days to Update: 6

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/17/2008 Date Data Arrived at EDR: 03/27/2008 Date Made Active in Reports: 05/06/2008

Number of Days to Update: 40

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/18/2008

Next Scheduled EDR Contact: 11/17/2008 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008 Date Data Arrived at EDR: 03/14/2008 Date Made Active in Reports: 03/20/2008

Number of Days to Update: 6

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 03/17/2008 Date Data Arrived at EDR: 03/27/2008 Date Made Active in Reports: 05/06/2008

Number of Days to Update: 40

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/08/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 27

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2008 Date Data Arrived at EDR: 09/05/2008 Date Made Active in Reports: 09/23/2008

Number of Days to Update: 18

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 06/01/2007 Date Data Arrived at EDR: 06/14/2007 Date Made Active in Reports: 07/05/2007

Number of Days to Update: 21

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/18/2008

Next Scheduled EDR Contact: 11/17/2008 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 08/21/2008 Date Data Arrived at EDR: 09/04/2008 Date Made Active in Reports: 09/09/2008

Number of Days to Update: 5

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 27

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 08/22/2008 Date Data Arrived at EDR: 08/22/2008 Date Made Active in Reports: 09/09/2008

Number of Days to Update: 18

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 11/17/2008

Next Scheduled EDR Contact: 02/16/2009 Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/19/2009 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/19/2009

Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 06/15/2007 Date Made Active in Reports: 08/20/2007

Number of Days to Update: 66

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 09/12/2008

Next Scheduled EDR Contact: 12/08/2008 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 09/30/2007 Date Data Arrived at EDR: 12/04/2007 Date Made Active in Reports: 12/31/2007

Number of Days to Update: 27

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 11/07/2008

Next Scheduled EDR Contact: 02/02/2009 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility

Date of Government Version: 07/23/2008 Date Data Arrived at EDR: 08/28/2008 Date Made Active in Reports: 09/11/2008

Number of Days to Update: 14

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/28/2008

Next Scheduled EDR Contact: 11/24/2008 Data Release Frequency: Annually

PA MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 09/11/2008 Date Made Active in Reports: 10/02/2008

Number of Days to Update: 21

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 09/08/2008

Next Scheduled EDR Contact: 12/08/2008 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 10/07/2008 Date Data Arrived at EDR: 10/10/2008 Date Made Active in Reports: 10/28/2008

Number of Days to Update: 18

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 09/15/2008

Next Scheduled EDR Contact: 12/15/2008 Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/22/2008 Date Made Active in Reports: 09/08/2008

Number of Days to Update: 17

Telephone: N/A

Last EDR Contact: 10/06/2008

Next Scheduled EDR Contact: 01/05/2009 Data Release Frequency: Annually

Source: Department of Natural Resources

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

I485 STATION P&R N TRYON CHARLOTTE, NC 28262

TARGET PROPERTY COORDINATES

Latitude (North): 35.32808 - 35° 19' 41.1" Longitude (West): 80.72547 - 80° 43' 31.7"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 524951.5 UTM Y (Meters): 3909263.0

Elevation: 634 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 35080-C6 HARRISBURG, NC

Most Recent Revision: 1996

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

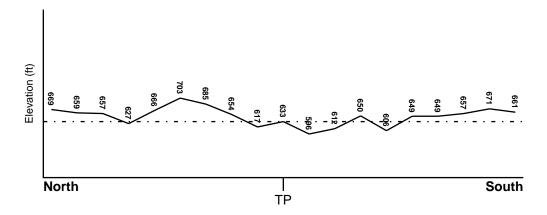
TOPOGRAPHIC INFORMATION

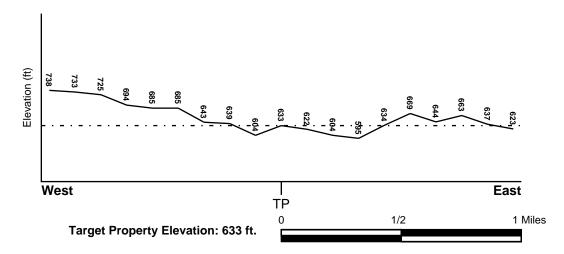
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County MECKLENBURG, NC

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

3701580065B

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

HARRISBURG

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Paleozoic Category: Plutonic and Intrusive Rocks

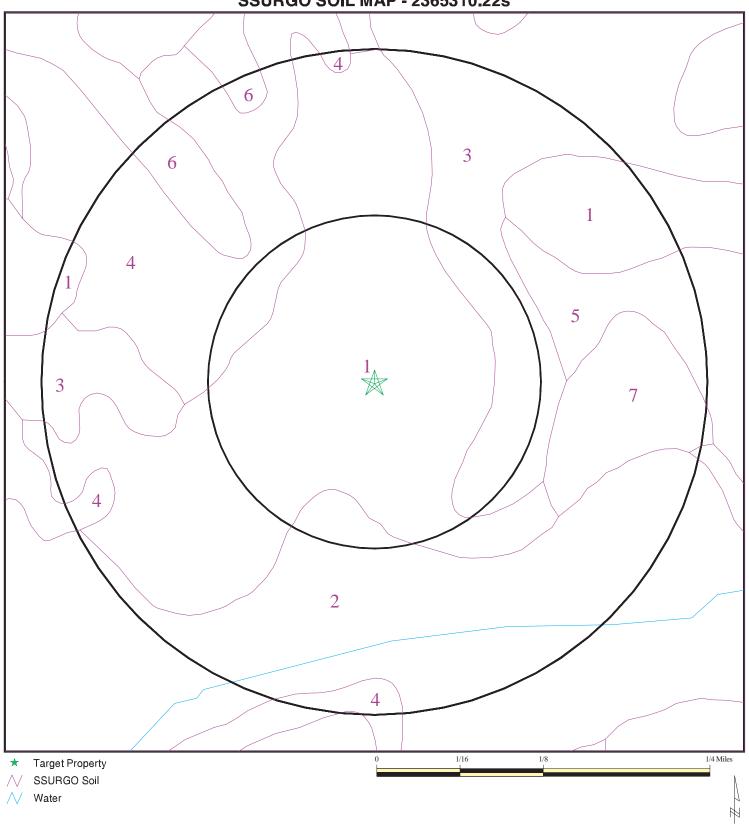
System: Mississippian

Series: Paleozoic mafic intrusives

Code: Pzmi (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2365310.22s



SITE NAME: I485 Station P&R ADDRESS: N Tryon

Charlotte NC 28262 LAT/LONG: 35.3281 / 80.7255

CLIENT: STV/Ralph Whitehead Assoc,Inc. CONTACT: Joshua Erlien INQUIRY #: 2365310.225

DATE: November 17, 2008 4:39 pm

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Enon

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Вои	Boundary Classification				Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.8 Min: 6.1		
2	7 inches	9 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.8 Min: 6.1		
3	9 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.8 Min: 6.1		
4	33 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.8 Min: 6.1		

Soil Map ID: 2

Soil Component Name: Monacan

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

	Bou	ındary		Information Classit	Saturated		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1
2	14 inches	25 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1
3	64 inches	79 inches	stratified sand to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1
4	25 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1

Soil Map ID: 3

Soil Component Name: Enon

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
Boundary				Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	33 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.8 Min: 5.1	
2	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.8 Min: 5.1	
3	7 inches	9 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.8 Min: 5.1	
4	9 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.8 Min: 5.1	

Soil Map ID: 4

Soil Component Name: Wilkes

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information Saturated **Boundary** Classification hydraulic conductivity **AASHTO Group Unified Soil Soil Reaction** Layer Upper Lower Soil Texture Class micro m/sec (pH) 1 0 inches 7 inches loam Silt-Clay Not reported Max: Max: Min: Materials (more Min: than 35 pct. passing No. 200), Silty Soils. 2 7 inches 14 inches Silt-Clay Not reported Max: Max: Min: Materials (more Min: than 35 pct. passing No. 200), Silty Soils. Max: Min: 3 14 inches 44 inches weathered Silt-Clay Not reported Max: bedrock Materials (more Min: than 35 pct. passing No. 200), Silty Soils. 4 44 inches 48 inches bedrock Silt-Clay Not reported Max: Max: Min: Materials (more Min: than 35 pct. passing No. 200), Silty Soils.

Soil Map ID: 5

Soil Component Name: Mecklenburg

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Layer	r Information			
	Воц	ındary		Classi	Classification		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.3 Min: 5.6
2	7 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.3 Min: 5.6
3	33 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.3 Min: 5.6

Soil Map ID: 6

Soil Component Name: Wilkes

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	7 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	14 inches	44 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	44 inches	48 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: Mecklenburg

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.3 Min: 5.6	
2	7 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.3 Min: 5.6	
3	33 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.4	Max: 7.3 Min: 5.6	

Soil Map ID: 8

Soil Component Name: Pacolet

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5	
2	7 inches	29 inches	clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5	
3	29 inches	38 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5	
4	38 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5	

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

1 NC0160198 1/4 - 1/2 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

ID

OTHER STATE DATABASE INFORMATION

NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

Class

NC50001879 Plants NC50002374 Plants NC50003872 Plants NC50004098 Plants NC50005917 Plants

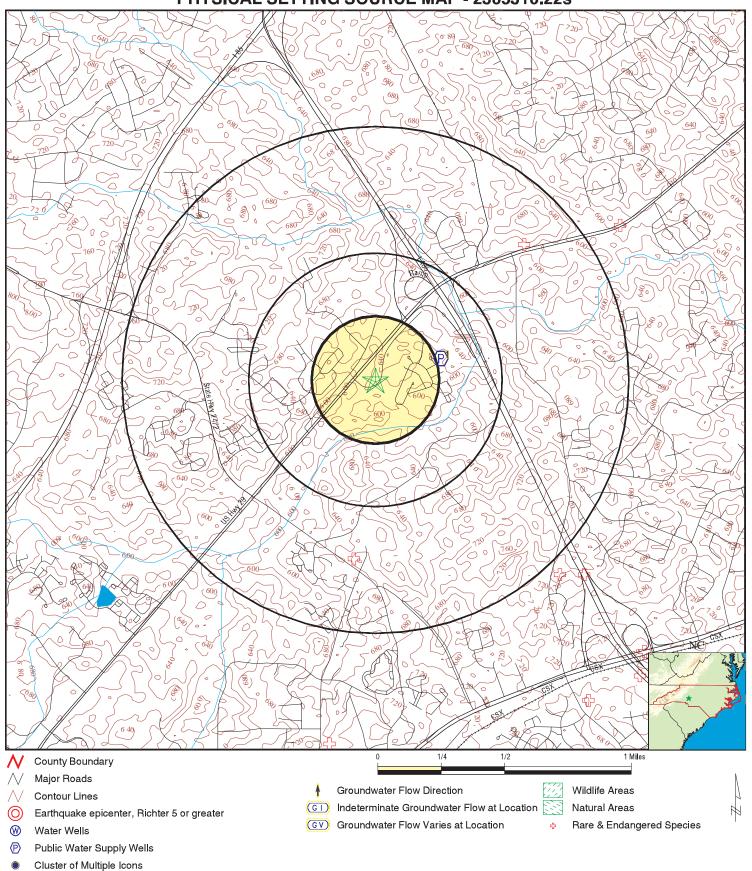
NC50008430 Natural Community Occurrence

 NC50011222
 Plants

 NC50011607
 Plants

 NC50014884
 Plants

PHYSICAL SETTING SOURCE MAP - 2365310.22s



SITE NAME: I485 Station P&R ADDRESS: N Tryon

Charlotte NC 28262 LAT/LONG: 35.3281 / 80.7255 CLIENT: STV/Ralph Whitehead Assoc,Inc. CONTACT: Joshua Erlien

INQUIRY #: 2365310.22s

DATE: November 17, 2008 4:39 pm

Map ID Direction Distance

Elevation Database EDR ID Number

FRDS PWS NC0160198

1/4 - 1/2 Mile Lower

PWS ID: NC0160198 PWS Status: Active
Date Initiated: 7706 Date Deactivated: Not Reported

PWS Name: WHEELINGTON MHP CHARLOTTE, NC 28213

Addressee / Facility: System Owner/Responsible Party

DEBRA J STEVENS OR MGR NOW

124 CARNIVAL ST CHARLOTTE, NC 28213

Addressee / Facility: System Owner/Responsible Party

WHEELINGTOWN ASSOCIATES

124 CARNIVAL STREET CHARLOTTE, NC 28213

Facility Latitude:35 19 45Facility Longitude:080 43 16Facility Latitude:35 19 56Facility Longitude:080 43 15Facility Latitude:35 19 56Facility Longitude:080 43 16Facility Latitude:35 19 45Facility Longitude:080 43 15Facility Latitude:35 13 36Facility Longitude:080 50 35

City Served: CHARLOTTE

Treatment Class Not Reported Population: Not Reported

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID: 9413081 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 07/01/93 Vio. end Date: 12/31/93 Vio. Period: 006 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE

Vio. Awareness Date: Not Reported

Violation ID: 9407020 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular

Contaminant: PH

Vio. Awareness Date: 060194

Violation ID: 9407019 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: THALLIUM, TOTAL

Vio. Awareness Date: 060194

Violation ID: 9407018 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Not Reported Analysis Result: Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Violation Type: Monitoring, Regular Contaminant: BERYLLIUM, TOTAL

Vio. Awareness Date: 060194

9407017 PWS Phone: Violation ID: Source ID: Not Reported Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000 Not Reported

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Violation Type: Monitoring, Regular

Contaminant: ANTIMONY, TOTAL

Vio. Awareness Date: 060194

Violation ID: 9407016 Source ID: Not Reported PWS Phone: Not Reported 01/01/91 Vio. Period: 036 Months Vio. beginning Date: Vio. end Date: 12/31/93

Num required Samples: 000 Number of Samples Taken: 000 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Not Reported Analysis Method: Violation Type: Monitoring, Regular

Contaminant: **SULFATE** Vio. Awareness Date: 060194

SELENIUM

060194

Source ID: Violation ID: 9407015 Not Reported PWS Phone: Not Reported 01/01/91 Vio. beginning Date: Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Not Reported Analysis Result: Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Monitoring, Regular Violation Type:

Contaminant: **SODIUM** Vio. Awareness Date: 060194

Contaminant:

Vio. Awareness Date:

9407014 PWS Phone: Violation ID: Source ID: Not Reported Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular

Vio. Awareness Date: 060194

Violation ID: 9407013 Source ID: Not Reported PWS Phone: Not Reported Vio. Period: 01/01/91 12/31/93 036 Months Vio. beginning Date: Vio. end Date:

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Monitoring, Regular Violation Type: Contaminant: **NICKEL**

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Violation ID: 9407012 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Not Reported Analysis Result: Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Monitoring, Regular Violation Type: **MERCURY**

Contaminant: Vio. Awareness Date: 060194

Contaminant:

Vio. Awareness Date:

9407011 PWS Phone: Violation ID: Source ID: Not Reported Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Not Reported Analysis Method:

Violation Type: Monitoring, Regular Contaminant: MANGANESE Vio. Awareness Date: 060194

IRON

060194

Violation ID: 9407010 Source ID: Not Reported PWS Phone: Not Reported

01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months Vio. beginning Date:

Num required Samples: 000 Number of Samples Taken: 000 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular

Vio. Awareness Date: 060194

Violation ID: 9407009 Source ID: Not Reported PWS Phone: Not Reported 01/01/91 Vio. beginning Date: Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Not Reported Analysis Result: Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Monitoring, Regular Violation Type:

Contaminant: **FLUORIDE** Vio. Awareness Date: 060194

9407008 PWS Phone: Violation ID: Source ID: Not Reported Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular

Contaminant: **CYANIDE** Vio. Awareness Date: 060194

Violation ID: 9407007 Source ID: Not Reported PWS Phone: Not Reported Vio. Period: 01/01/91 12/31/93 036 Months Vio. beginning Date: Vio. end Date:

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular Contaminant: **CHROMIUM**

Violation ID: 9407006 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: CADMIUM Vio. Awareness Date: 060194

Violation ID: 9407005 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/91 Vio. end Date: 12/31/93 Vio. Period: 036 Months

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Violation Type: Not Reported

Monitoring, Regular

Contaminant: BARIUM Vio. Awareness Date: 060194

Violation ID:9407004Source ID:Not ReportedPWS Phone:Not ReportedVio. beginning Date:01/01/91Vio. end Date:12/31/93Vio. Period:036 Months

Num required Samples:000Number of Samples Taken:000Analysis Result:Not ReportedMaximum Contaminant Level:Not Reported

Analysis Method: Not Reported Waximum Contaminant Level.

Analysis Method: Not Reported

Violation Type: Monitoring, Regular

Contaminant: ARSENIC
Vio. Awareness Date: 060194

Violation ID: 9407003 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/93 Vio. end Date: 12/31/93 Vio. Period: 012 Months

Num required Samples: 000 Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Regular

Contaminant: NITRATE

Vio. Awareness Date: 060194

9403345 PWS Phone: Violation ID: Source ID: 000 Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 04/30/94 Vio. Period: 001 Months Num required Samples: Not Reported Number of Samples Taken: Not Reported

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Vio. Awareness Date: 051794

Violation ID: 9403344 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 05/01/94 Vio. end Date: 05/31/94 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Vio. Awareness Date: 061694

Violation ID: 9400320 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 12/01/93 Vio. end Date: 12/31/93 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Vio. Awareness Date: 011894

Violation ID:9400921Source ID:000PWS Phone:Not ReportedVio. beginning Date:03/01/94Vio. end Date:03/31/94Vio. Period:001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Vio. Awareness Date: 041694

Violation ID:9400922Source ID:000PWS Phone:Not ReportedVio. beginning Date:02/01/94Vio. end Date:02/28/94Vio. Period:001 Months

Num required Samples:Not ReportedNumber of Samples Taken:Not ReportedAnalysis Result:Not ReportedMaximum Contaminant Level:Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Vio. Awareness Date: 031694

Violation ID: 9400923 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 01/31/94 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Vio. Awareness Date: 021594

ENFORCEMENT INFORMATION:

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-03-01 - 1994-03-31

Violation ID: 9400921
Enforcement Date: 1994-04-28

Enforcement Date: 1994-04-28 Enf. Action: State Formal NOV Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-03-01 - 1994-03-31

Violation ID: 9400921

Enforcement Date: 1994-04-28 Enf. Action: State Public Notif Requested

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-03-01 - 1994-03-31

Violation ID: 9400921

Enforcement Date: 1994-06-29 Enf. Action: State Admin Penalty Assessed

ENFORCEMENT INFORMATION:

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-03-01 - 1994-03-31

Violation ID: 9400921 Enforcement Date: 9400921

Enforcement Date: 1994-06-29 Enf. Action: State AO (w/penalty) Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-03-01 - 1994-03-31

Violation ID: 9400921

Enforcement Date: 1997-04-10 Enf. Action: State Case Dropped

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-02-01 - 1994-02-28

Violation ID: 9400922 Enforcement Date: 1994-03-25

Enforcement Date: 1994-03-25 Enf. Action: State Formal NOV Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-02-01 - 1994-02-28

Compliance Period: 1994-02-01 - 1994-02 Violation ID: 9400922

Enforcement Date: 1994-03-25 Enf. Action: State Public Notif Requested

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-02-01 - 1994-02-28

Violation ID: 9400922

Enforcement Date: 1994-06-29 Enf. Action: State Admin Penalty Assessed

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-02-01 - 1994-02-28

Violation ID: 9400922

Enforcement Date: 1994-06-29 Enf. Action: State AO (w/penalty) Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-02-01 - 1994-02-28

Violation ID: 9400922 Enforcement Date: 9400922

Enforcement Date: 1997-04-10 Enf. Action: State Case Dropped

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-01-01 - 1994-01-31

Compliance Period: 1994-01-01 - 1994-01-3 Violation ID: 9400923

Enforcement Date: 1994-02-23 Enf. Action: State Formal NOV Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-01-01 - 1994-01-31

Compliance Period: 1994-01-01 - 1994-Violation ID: 9400923

Enforcement Date: 1994-06-29 Enf. Action: State Admin Penalty Assessed

ENFORCEMENT INFORMATION:

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-01-01 - 1994-01-31

Violation ID: 9400923

Enforcement Date: 1994-06-29 Enf. Action: State AO (w/penalty) Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-01-01 - 1994-01-31

Violation ID: 9400923

Enforcement Date: 1997-04-10 Enf. Action: State Case Dropped

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-05-01 - 1994-05-31

Violation ID: 9403344
Enforcement Date: 1994-06-3

Enforcement Date: 1994-06-30 Enf. Action: State Formal NOV Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-05-01 - 1994-05-31

Violation ID: 9403344

Enforcement Date: 1994-06-30 Enf. Action: State Public Notif Requested

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9403345 Enforcement Date: 9403345

Enforcement Date: 1994-05-31 Enf. Action: State Formal NOV Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9403345

Enforcement Date: 1994-05-31 Enf. Action: State Public Notif Requested

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9403345 Enforcement Date: 1994-06-29

Enforcement Date: 1994-06-29 Enf. Action: State Admin Penalty Assessed

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9403345

Enforcement Date: 1994-06-29 Enf. Action: State AO (w/penalty) Issued

System Name: COUNTRY VILLAGE MHP
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 1994-04-01 - 9403345

Enforcement Date: 1997-04-10 Enf. Action: State Case Dropped

ENFORCEMENT INFORMATION:

System Name: COUNTRY VILLAGE MHP
Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2015-12-31

Violation ID: 9413081

Enforcement Date: Not Reported Enf. Action: Not Reported

Direction Distance		Database	EDR ID Number
GIS ID: Classification by Type: Occurrence Status:	62254 Plants X	NC_NHEO	NC50001879
GIS ID: Classification by Type: Occurrence Status:	353259 Plants Extant	NC_NHEO	NC50002374
GIS ID: Classification by Type: Occurrence Status:	62278 Plants Historic, no evidence of destruction	NC_NHEO	NC50003872
GIS ID: Classification by Type: Occurrence Status:	492278 Plants Extant	NC_NHEO	NC50004098
GIS ID: Classification by Type: Occurrence Status:	82215 Plants Historic, no evidence of destruction	NC_NHEO	NC50005917
GIS ID: Classification by Type: Occurrence Status:	171127 Natural Community Occurrence Extant	NC_NHEO	NC50008430

NC_NHEO NC50011222

North Carolina Locations of Natural Heritage Element Occurrence Sites:

GIS ID: 12544
Classification by Type: Plants
Occurrence Status: Extant

NC_NHEO NC50011607

GIS ID: 52254
Classification by Type: Plants
Occurrence Status: X

NC_NHEO NC50014884

GIS ID: 72215 Classification by Type: Plants

Occurrence Status: Historic, no evidence of destruction

AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

County	Result Type	Total Sites	Avg pCi/L	Range pCi/L	Result Type
MECKLENBURG MECKLENBURG	Statistical 275	55 1.06	0.70 0.00-8.30	-0.30-3.60	Non-Statistical

Federal EPA Radon Zone for MECKLENBURG County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MECKLENBURG COUNTY, NC

Number of sites tested: 46

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.569 pCi/L 0.900 pCi/L	100% 100%	0% 0%	0% 0%
Basement	1.278 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

North Carolina Public Water Supply Wells Source: Department of Environmental Health

Telephone: 919-715-3243

OTHER STATE DATABASE INFORMATION

NC Natural Areas: Significant Natural Heritage Areas Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon converage identifying sites (terrestrial or aquatic that have particular biodiversity significance.

A site's significance may be due to the presenceof rare species, rare or hight quality natural communities, or other important ecological features.

NC Game Lands: Wildlife Resources Commission Game Lands Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

RADON

State Database: NC Radon

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statiscal Data

Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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I485 Station P&R

N Tryon Charlotte, NC 28262

Inquiry Number: 2365310.23

November 17, 2008

Certified Sanborn® Map Report



Certified Sanborn® Map Report

11/17/08

Site Name: Client Name:

I485 Station P&RSTV/Ralph WhiteheadN Tryon1000 W. Morehead StreetCharlotte, NC 28262Charlotte, NC 28208

EDR Inquiry # 2365310.23 Contact: Joshua Erlien



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by STV/Ralph Whitehead Assoc,Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 1485 Station P&R

Address: N Tryon

City, State, Zip: Charlotte, NC 28262

Cross Street:

P.O. # NA Project: NA

Certification # E9DF-4E29-B350



Sanborn® Library search results Certification # E9DF-4E29-B350

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✓ Library of Congress

✓ University Publications of America

✓ EDR Private Collection

Total Maps: 0

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I485 Station P&R

N Tryon Charlotte, NC 28262

Inquiry Number: 2365310.24

November 18, 2008

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography November 18, 2008

Target Property:

N Tryon

Charlotte, NC 28262

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1968	Aerial Photograph. Scale: 1"=500'	Panel #: 2435080-C6/Flight Date: February 17, 1968	EDR
1973	Aerial Photograph. Scale: 1"=750'	Panel #: 2435080-C6/Flight Date: November 30, 1973	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 2435080-C6/Flight Date: October 12, 1988	EDR
1996	Aerial Photograph. Scale: 1"=750'	Panel #: 2435080-C6/Flight Date: April 23, 1996	EDR
2006	Aerial Photograph. Scale: 1"=484'	Flight Year: 2006	EDR



